

| | | | |
|--|---|--|------------------------------------|
| APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY DOCKET NO BBI-102CP | SERIAL NO. 09/383,978 #4 |
| LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT Schaller, Heinz et al. | |
| | | FILING DATE August 26, 1999 | GROUP 1632 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|------------|----|-----------------|-------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>GMH</i> | A1 | WO 90/02176 | 03/90 | PCT | | | | |
| <i>GMH</i> | A2 | EP 421 635 | 04/91 | EP | | | | |
| <i>GMH</i> | A3 | WO 95/06745 | 03/95 | PCT | | | Abstr. | |
| <i>GMH</i> | A4 | WO 96/35797 | 11/96 | PCT | | | yes | |
| <i>GMH</i> | A5 | WO 98/11916 | 03/98 | PCT | | | | |

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|-----------------------------------|--|
| <i>GMH</i> | A6 | Chaisomchit, S. et al., "Development of replicative and nonreplicative hepatitis B virus vectors," <i>Gene Ther.</i> 4:1330-1340 (1997) |
| <i>GMH</i> | A7 | Chiang, P.W., "Characterizing cis elements which are essential for the HBV replication," (1992) Thesis, University of Heidelberg |
| <i>GMH</i> | A8 | Horwich, A.L. et al., "Synthesis of hepadnavirus particles that contain replication-defective duck hepatitis B virus genomes in cultured HuH7 cells," <i>J. Virol.</i> 64:642-650 (1990) |
| <i>GMH</i> | A9 | Horwich, A.L. et al., "Inherited hepatic enzyme defects as candidates for liver-directed gene therapy," <i>Curr. Topics in Microbiology and Immunology</i> 168:185-201 (1991) |
| <i>GMH</i> | A10 | Löser, Peter et al., "Evaluation of HBV Promoters for Use in Hepatic Gene Therapy," <i>Biol. Chem. Hoppe-Seyler</i> 377:187-193 (1996) |
| <i>GMH</i> | A11 | Summers, Jesse et al., "Hepadnavirus Envelope Proteins Regulate Covalently Closed Circular DNA Amplification," <i>J. Virology</i> 64(6):2819-2824 (1990) |
| <i>GMH</i> | A12 | Tuttleman et al., "In vitro experimental infection of primary duck hepatocyte cultures with duck hepatitis B virus," <i>J Virol.</i> 58(1):17-25 (1986) |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Examiner <i>San Mi Lee</i> | Date Considered <i>5/18/00</i> | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | |

| | | | |
|--|---|--|---------------------------------|
| APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY DOCKET NO. BBI-102CP | SERIAL NO. 09/383,978 |
| LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT Schaller, Heinz et al. | |
| | | FILING DATE August 26, 1999 | GROUP 1632 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|-------|----------------|-------|----------|-------------------------------|
| <i>SP</i> | B1 | 5,981,274 | 11/99 | Tyrrell et al. | 435 | 320.1 | |
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--------------------|----|-----------------|-------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>[Signature]</i> | B2 | WO 98/09524 | 03/98 | PCT | | | | |
| | | | | | | | | |

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

[illegible]